

ABSTRACT

The invention provides a heat sink board and a manufacturing method thereof, which can realize a high product accuracy and superior productivity.

To that end, a second heat sink (3) having a smaller linear expansion coefficient than that of a first heat sink (2) is bonded to the first heat sink (2) to form a heat sink board. The second heat sink (3) is fitted to the first heat sink (2), and a material of the first heat sink (2) in the vicinity of a boundary between the fitted heat sinks is plastically deformed for close adhesion to the second heat sink (3).

Such a forming method makes bonding between the first and second heat sinks possible at room temperature, and the heat sink board made of a composite member having a high flat-surface accuracy can be easily and reliably obtained.